

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF088001.D
 Acq On : 14 Jun 2016 11:10
 Operator : UM/SJ
 Sample : H3395-28DL 2X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 13:39:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115068	20.00	ng	0.01
21) Naphthalene-d8	8.08	136	432350	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	198926	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	278870	20.00	ng	0.00
75) Chrysene-d12	13.95	240	229327	20.00	ng	0.00
86) Perylene-d12	15.37	264	214653	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	354975	52.74	ng	0.00
7) Phenol-d6	6.43	99	518476	63.56	ng	0.00
23) Nitrobenzene-d5	7.36	82	293280	39.61	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	83528	39.77	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	527164	38.61	ng	0.00
78) Terphenyl-d14	12.90	244	305138	30.28	ng	0.00

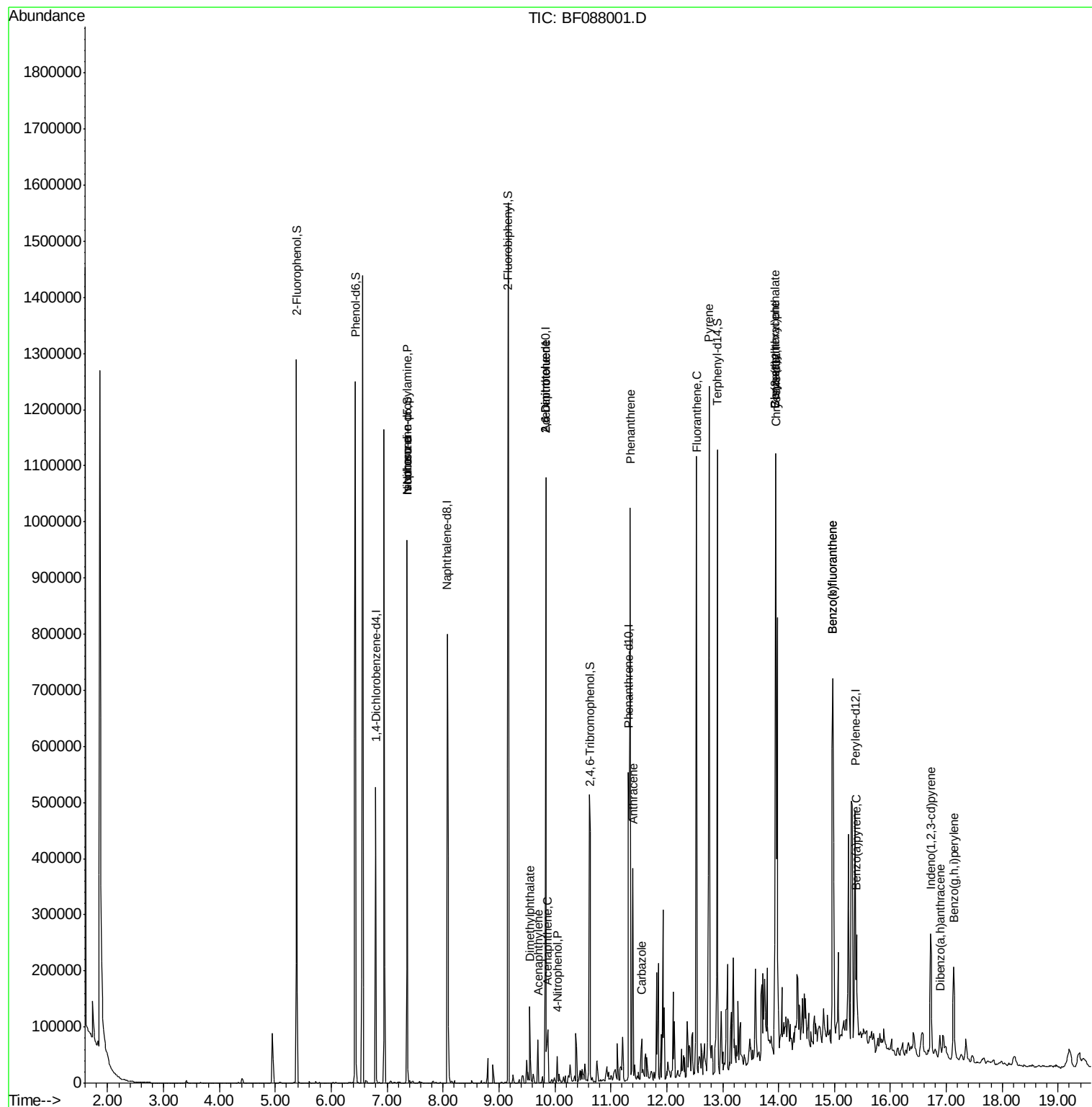
Target Compounds				Qvalue		
10) Phenol	6.44	94	4495	Below Cal		96
19) n-Nitroso-di-n-propylamine	7.36	70	37204	7.13 ng	#	72
25) Isophorone	7.36	82	243941	17.79 ng	#	65
45) 1,1'-Biphenyl	9.26	154	4503	Below Cal		96
48) Acenaphthylene	9.70	152	49386	2.41 ng		99
49) Dimethylphthalate	9.55	163	54044	3.75 ng		100
50) 2,6-Dinitrotoluene	9.84	165	27210	8.25 ng	#	39
51) Acenaphthene	9.87	154	28860	2.26 ng		96
55) 4-Nitrophenol	10.04	139	8470	2.87 ng	#	5
56) 2,4-Dinitrotoluene	9.84	165	27452	6.47 ng	#	37
57) Fluorene	10.39	166	32575	Below Cal		99
70) Phenanthrene	11.35	178	507762	34.70 ng		98
71) Anthracene	11.39	178	139855	9.47 ng		98
72) Carbazole	11.55	167	40314	2.92 ng		97
74) Fluoranthene	12.54	202	655180	42.43 ng		93
77) Pyrene	12.75	202	627969	36.90 ng		99
80) Benzo(a)anthracene	13.94	228	372712	28.52 ng		95
82) Chrysene	13.94	228	372712	30.31 ng		100
83) Bis(2-ethylhexyl)phthalate	13.94	149	35542	3.88 ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	131540	11.52 ng	#	100
87) Benzo(b)fluoranthene	14.97	252	482546	32.25 ng	#	95
88) Benzo(k)fluoranthene	14.97	252	482546	42.76 ng		99
89) Benzo(a)pyrene	15.39	252	64037	5.29 ng		96
90) Dibenzo(a,h)anthracene	16.89	278	26828	2.39 ng		95
91) Benzo(g,h,i)perylene	17.13	276	120775	10.44 ng		98

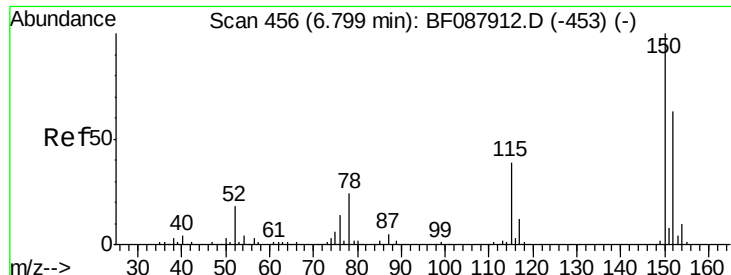
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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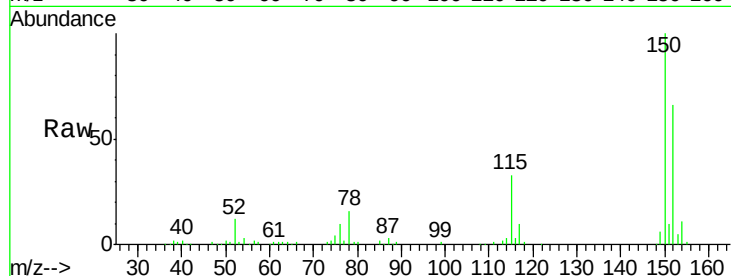


#1

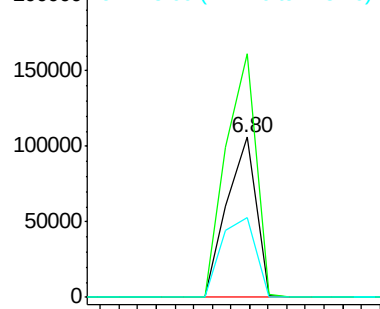
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

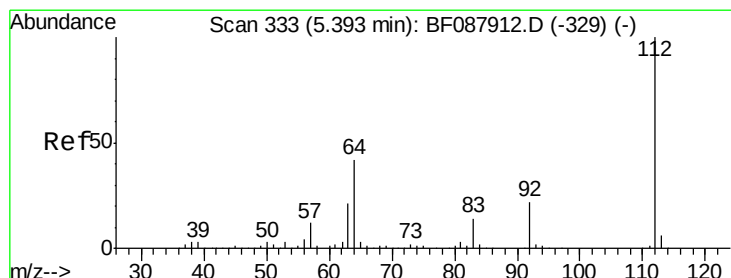
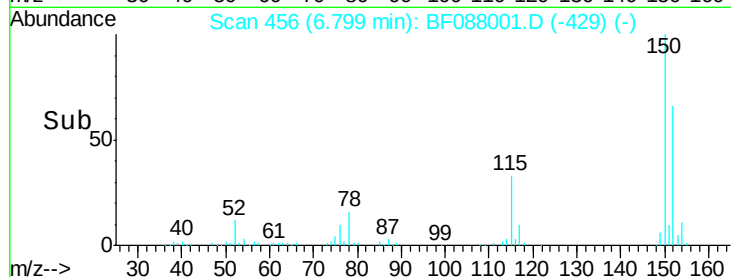
Tot Ion:152 Resp: 115068
Ion Ratio Lower Upper
152 100
150 152.2 123.8 185.6
115 49.7 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



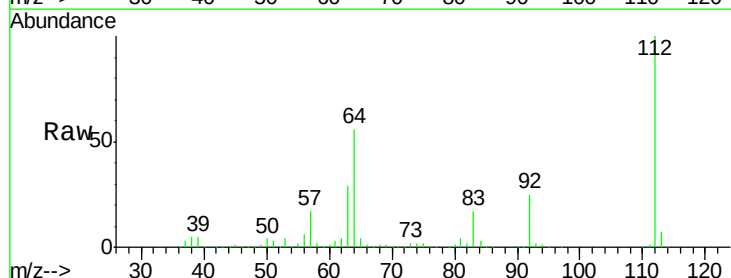
Time-->



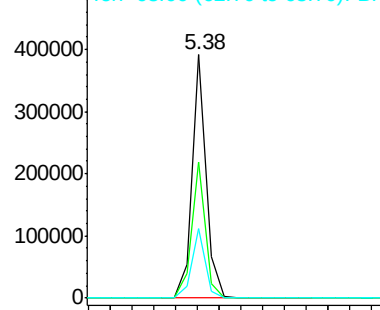
#5

2-Fluorophenol
Concen: 52.74 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

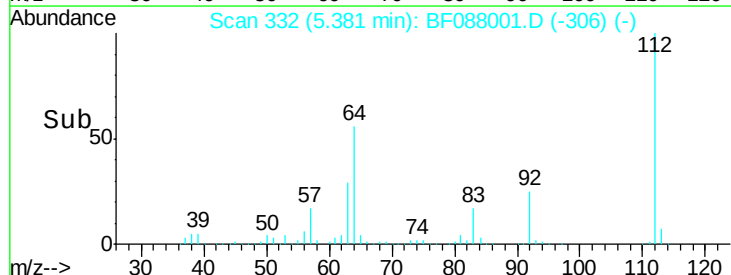
Tgt Ion:112 Resp: 354975
Ion Ratio Lower Upper
112 100
64 55.7 42.2 63.2
63 28.8 21.8 32.8

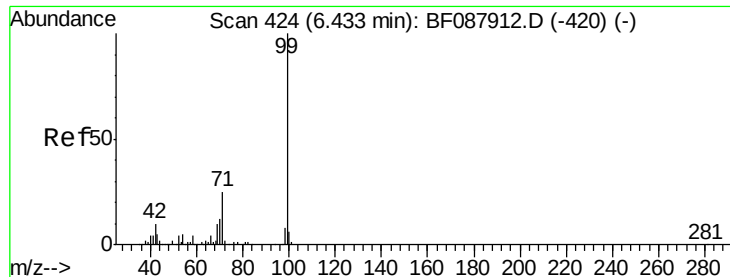


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 63.56 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

Instrument :

BNA_F

ClientSampleId :

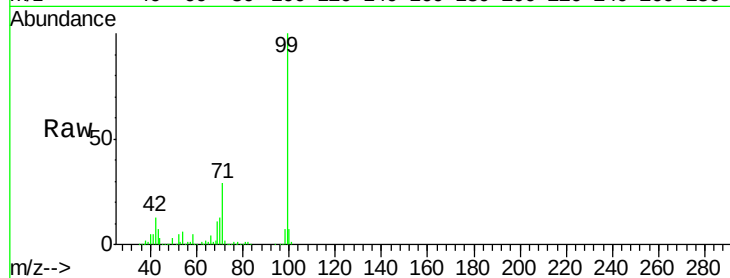
Tot Ion: 99 Resp: 518476

Ion Ratio Lower Upper

99 100

42 13.2 12.2 18.2

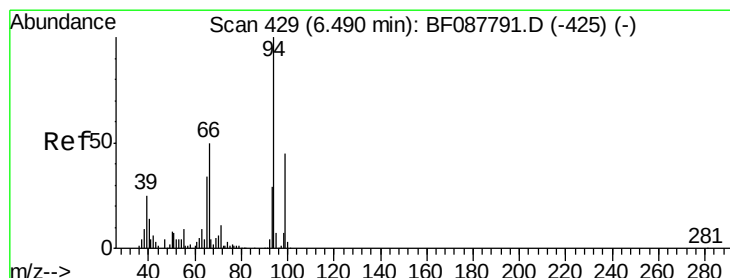
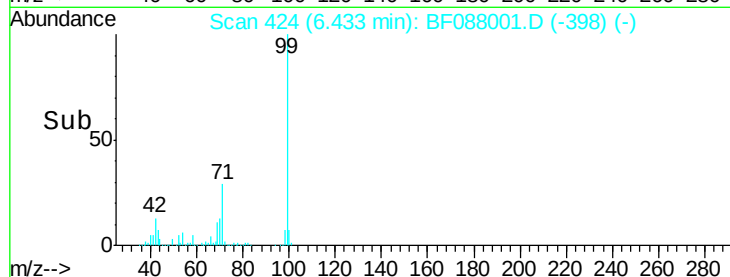
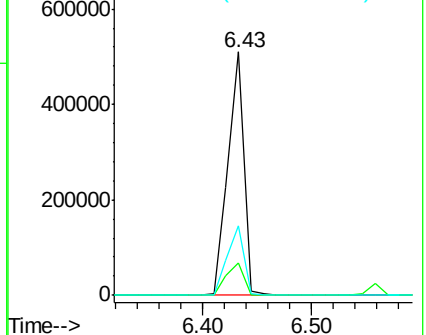
71 28.8 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: Below Cal

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

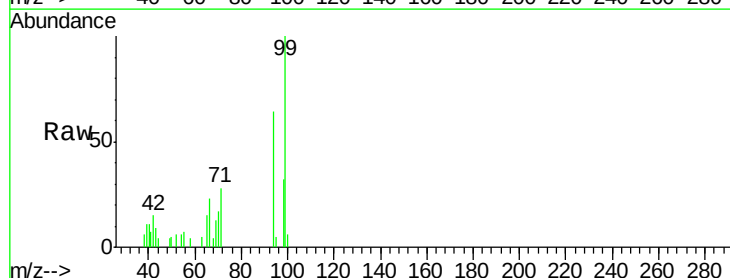
Tgt Ion: 94 Resp: 4495

Ion Ratio Lower Upper

94 100

65 23.4 5.9 45.9

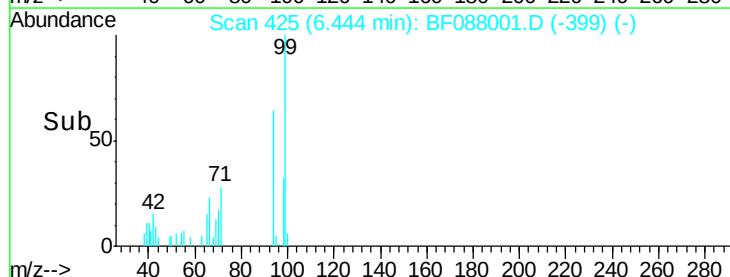
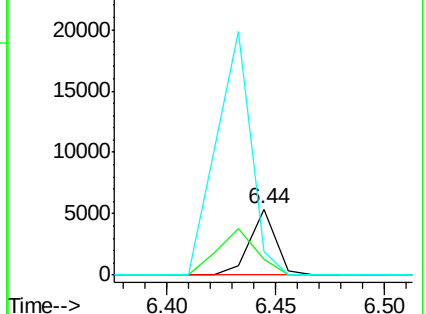
66 35.8 14.0 54.0

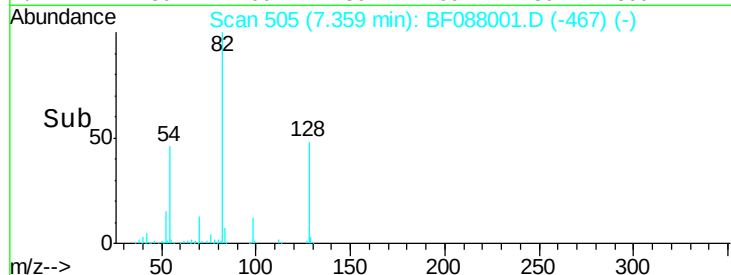
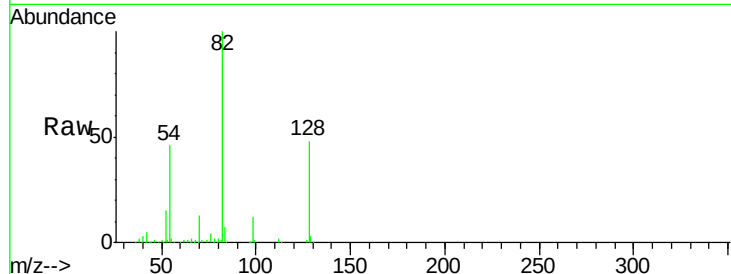
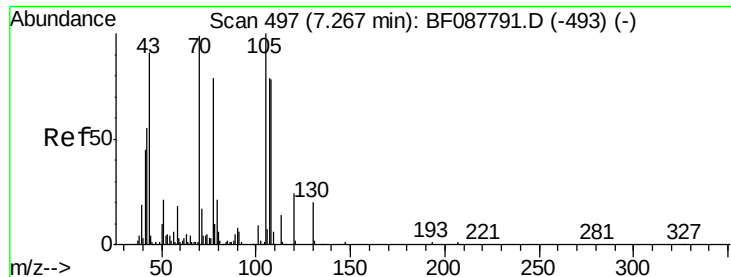


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

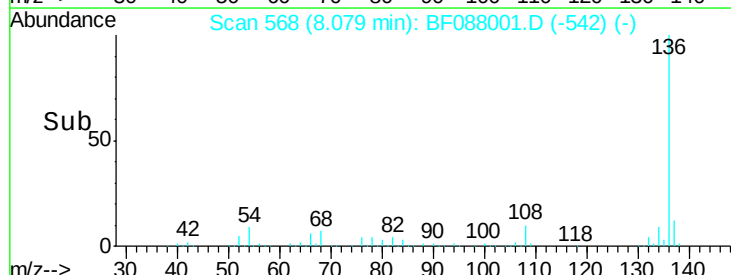
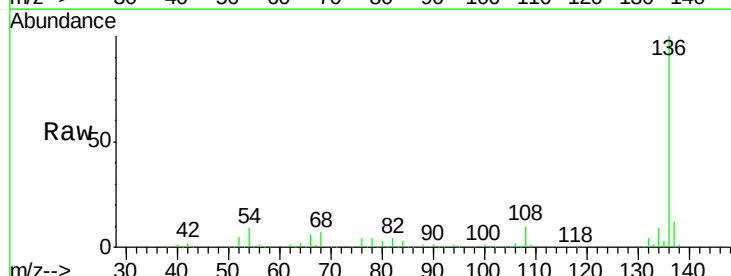
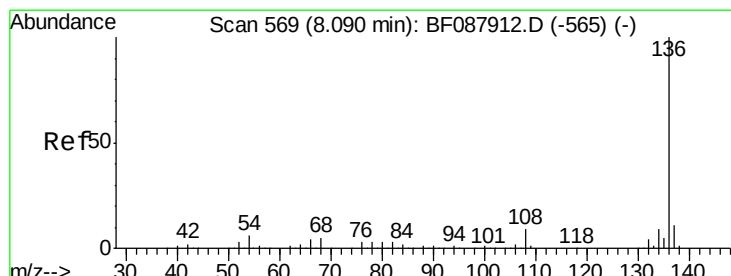
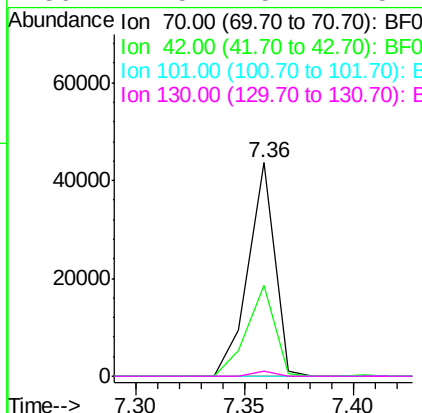




#19
n-Nitroso-di-n-propylamine
Concen: 7.13 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.14 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

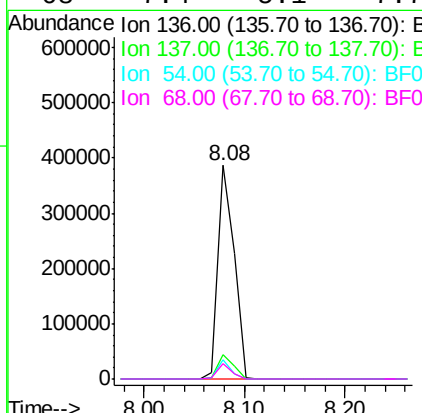
Instrument :
BNA_F
ClientSampleId :

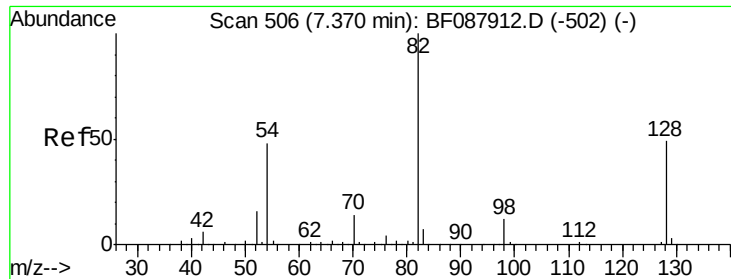
Tot Ion: 70 Resp: 37204
Ion Ratio Lower Upper
70 100
42 42.8 49.6 74.4#
101 0.0 7.1 10.7#
130 2.5 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion: 136 Resp: 432350
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.1 6.6 10.0
68 7.4 5.1 7.7

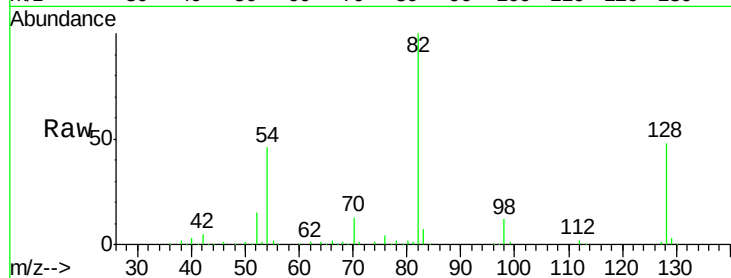




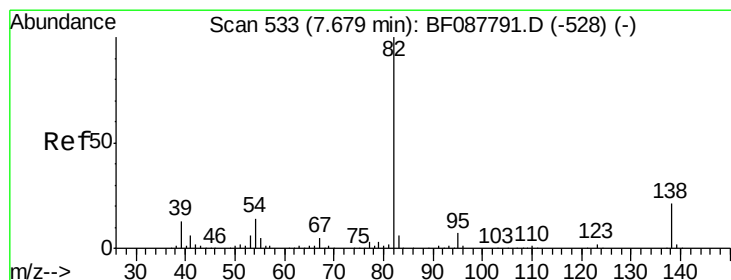
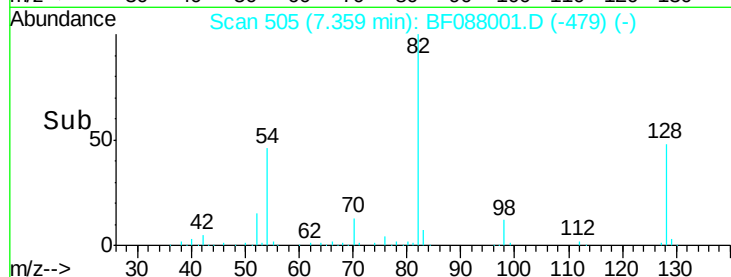
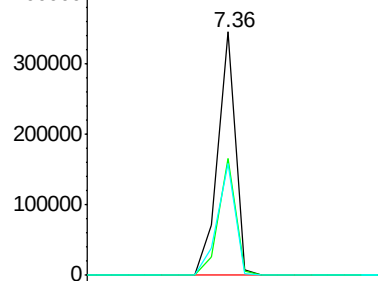
#23
Nitrobenzene-d5
Concen: 39.61 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	35.9	53.9
54	45.8	40.9	61.3

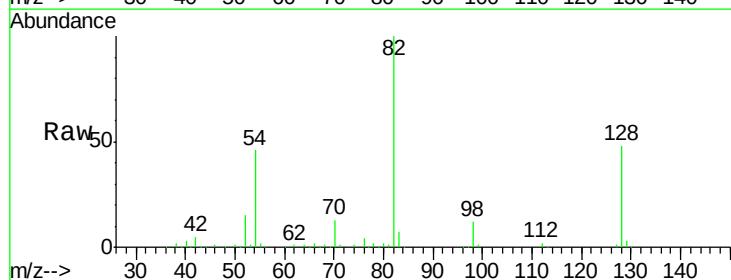


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

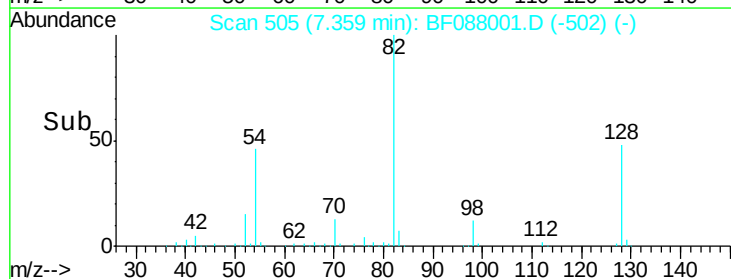
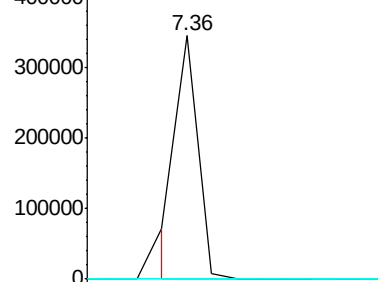


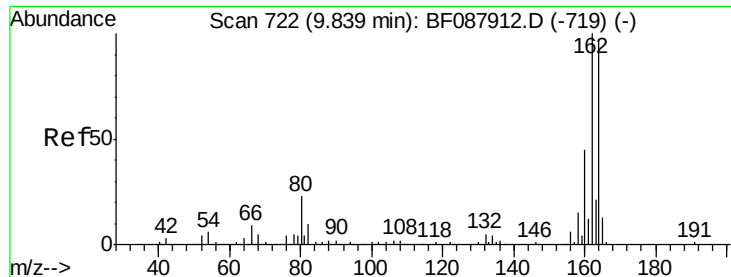
#25
Isophorone
Concen: 17.79 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.26 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

Instrument :

BNA_F

ClientSampleId :

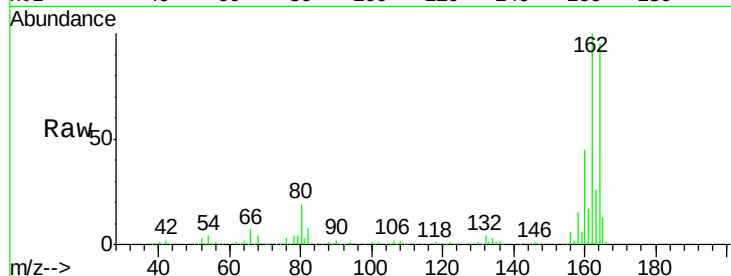
Tot Ion:164 Resp: 198926

Ion Ratio Lower Upper

164 100

162 105.4 85.4 128.2

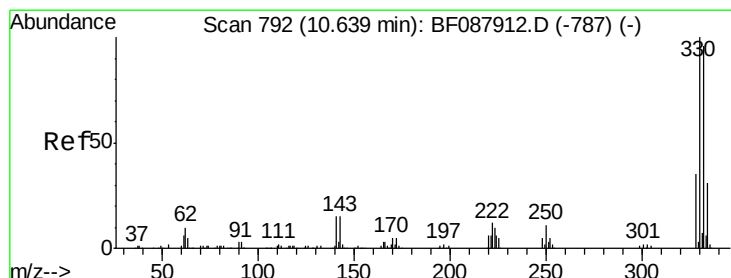
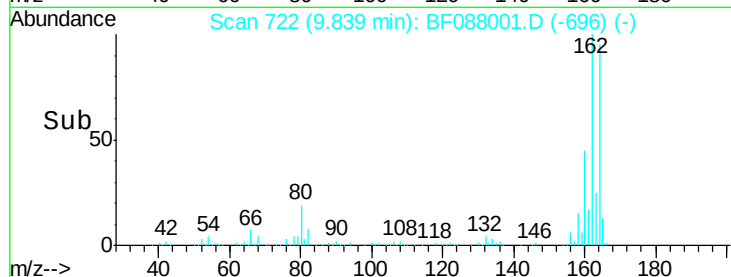
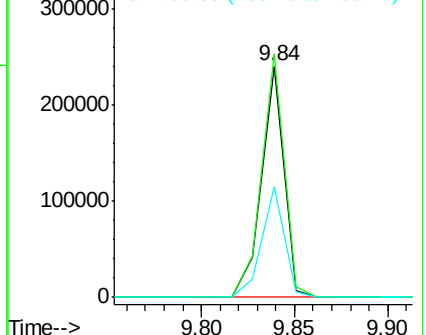
160 47.7 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 39.77 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

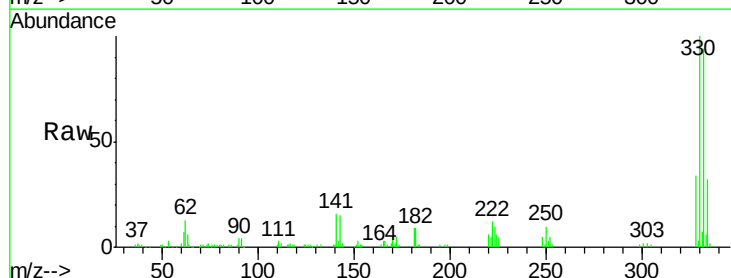
Tgt Ion:330 Resp: 83528

Ion Ratio Lower Upper

330 100

332 94.6 0.0 0.0#

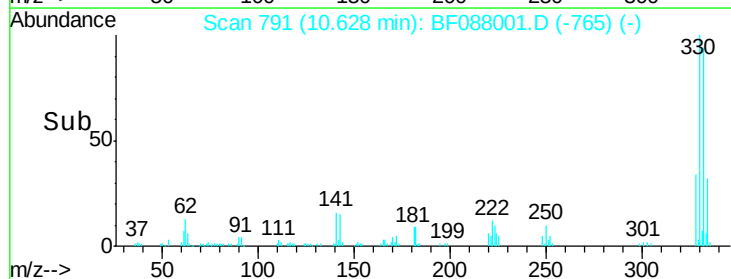
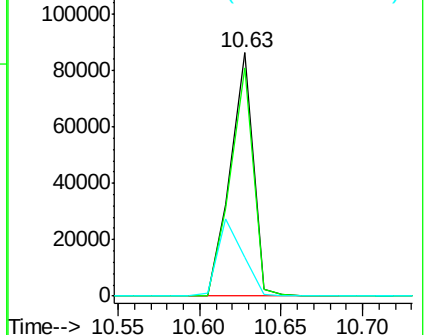
141 35.1 0.0 0.0#

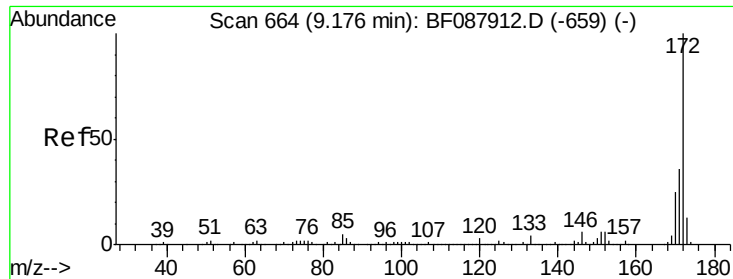


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

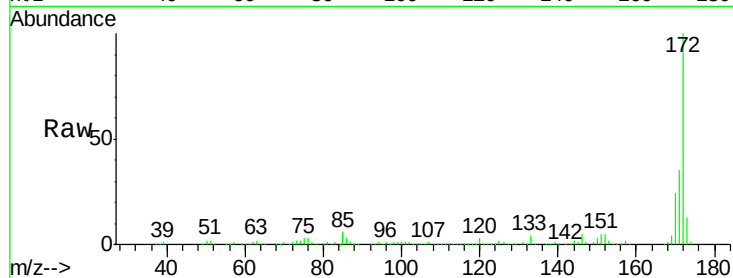




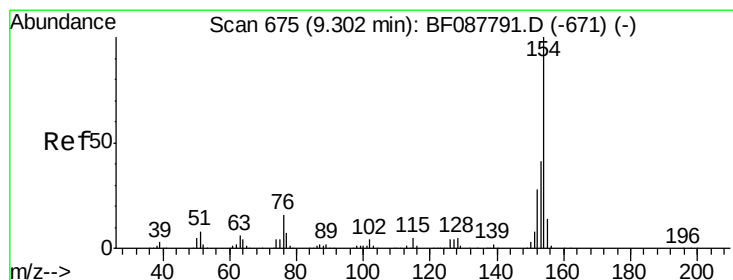
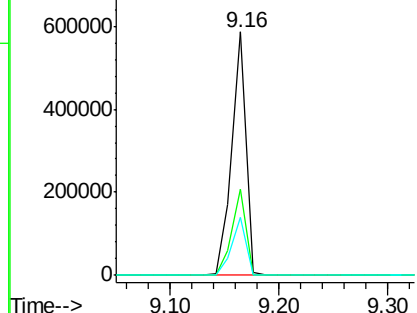
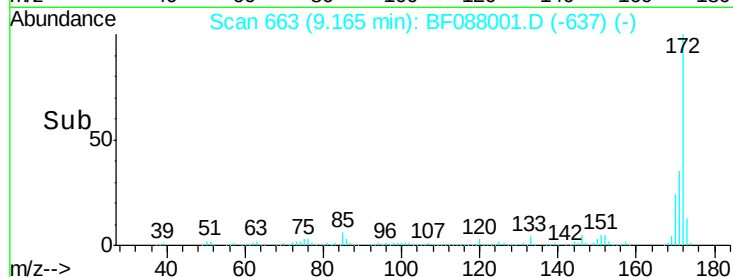
#44
 2-Fluorobiphenyl
 Concen: 38.61 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF088001.D
 Acq: 14 Jun 2016 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 527164
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.8 19.2 28.8

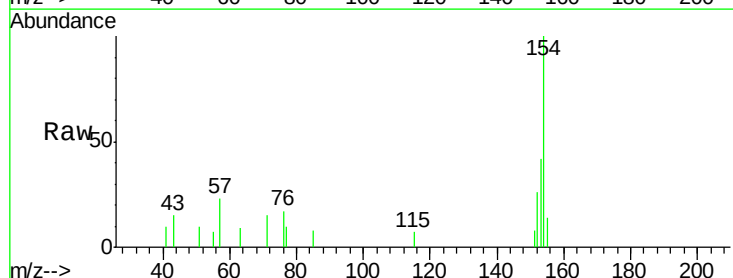


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

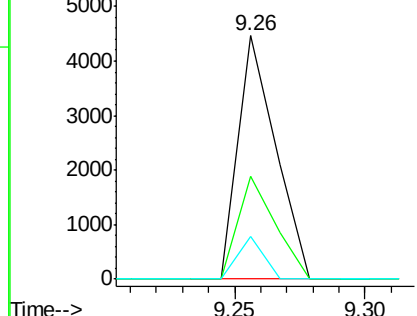
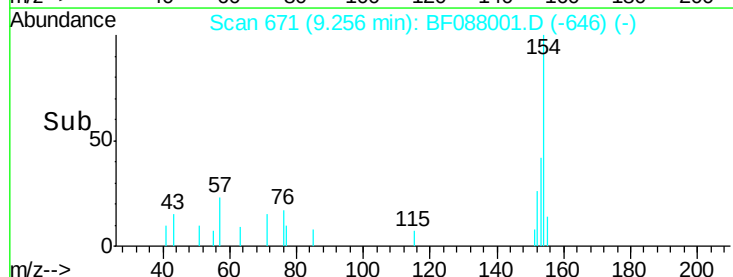


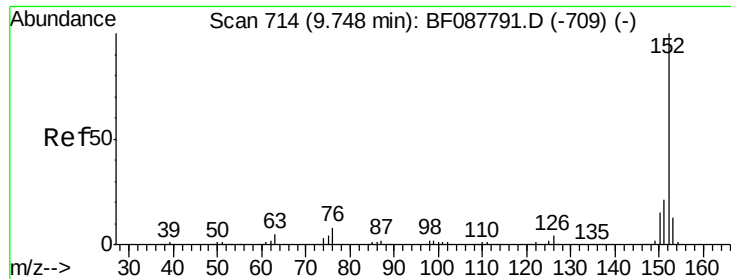
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF088001.D
 Acq: 14 Jun 2016 11:10

Tgt Ion:154 Resp: 4503
 Ion Ratio Lower Upper
 154 100
 153 42.3 20.6 60.6
 76 17.4 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 2.41 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

Instrument :

BNA_F

ClientSampleId :

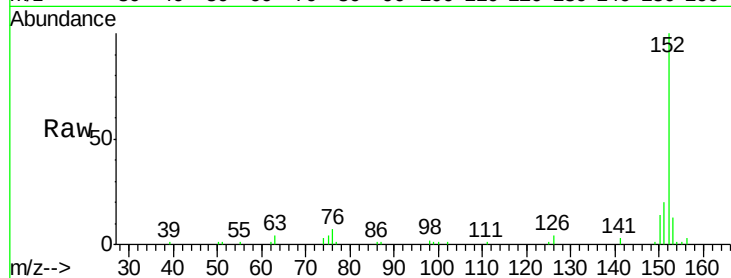
Tot Ion:152 Resp: 49386

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

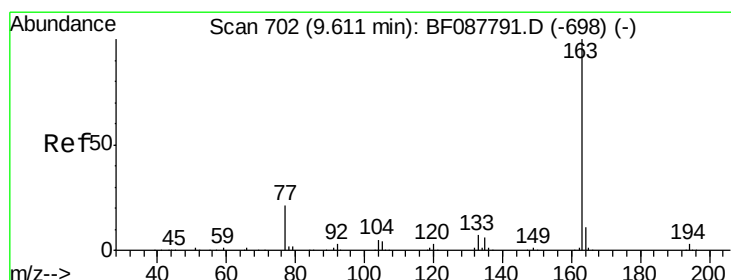
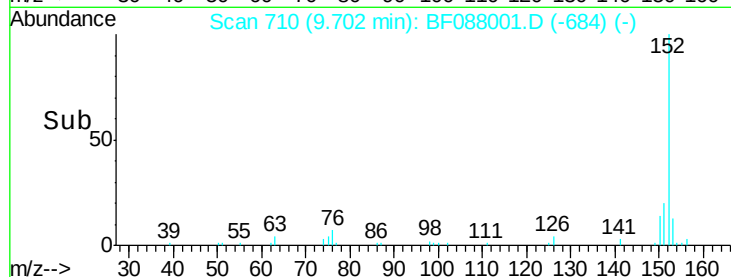
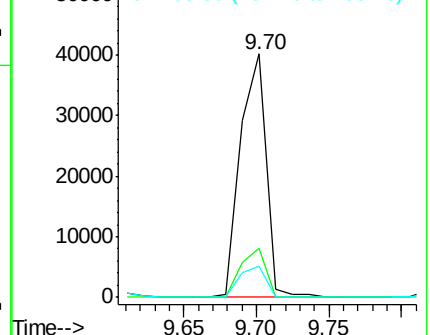
153 12.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 3.75 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

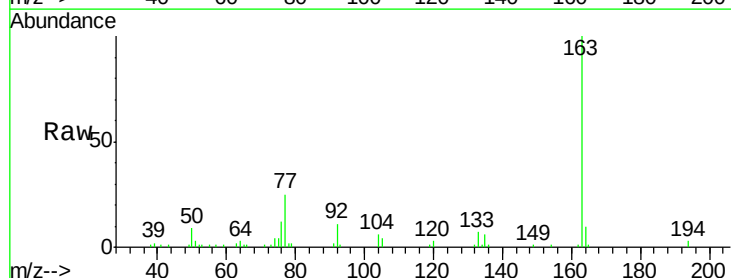
Tgt Ion:163 Resp: 54044

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

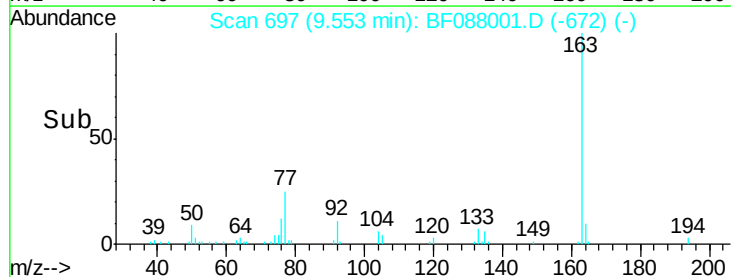
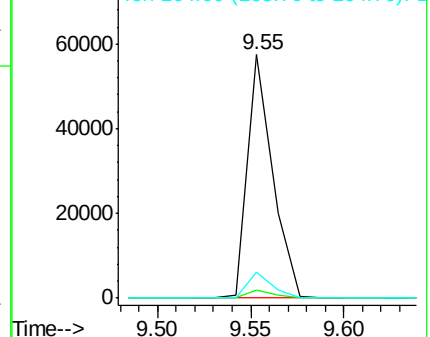
164 10.5 8.3 12.5

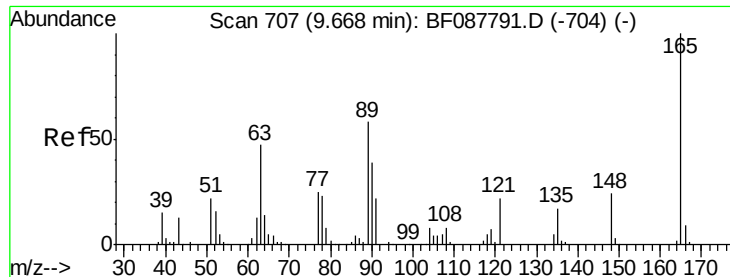


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

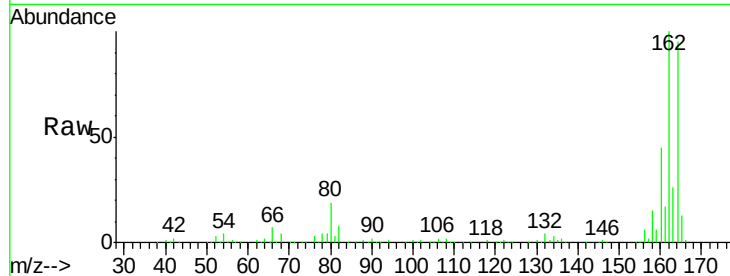




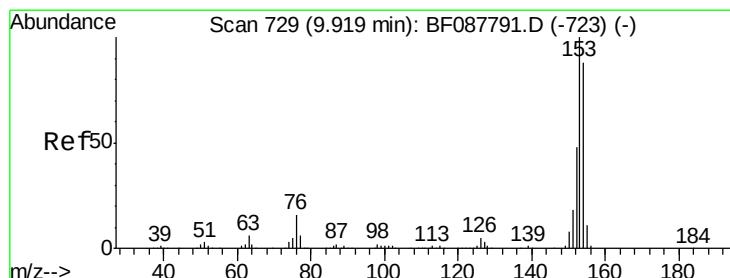
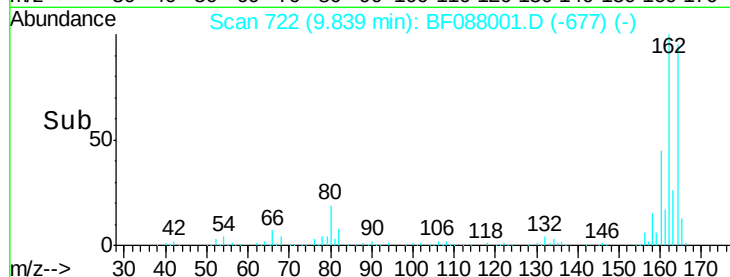
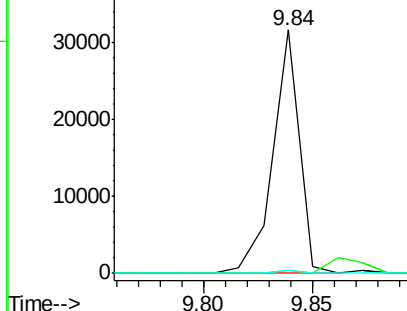
#50
 2,6-Dinitrotoluene
 Concen: 8.25 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.22 min
 Lab File: BF088001.D
 Acq: 14 Jun 2016 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.1	42.1#
89	1.3	32.2	48.2#

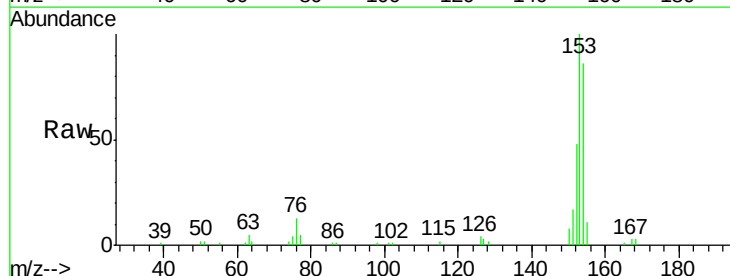


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

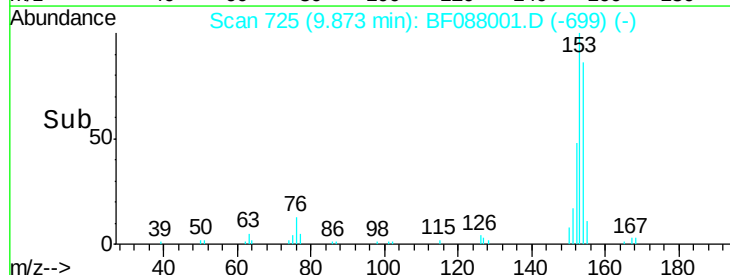
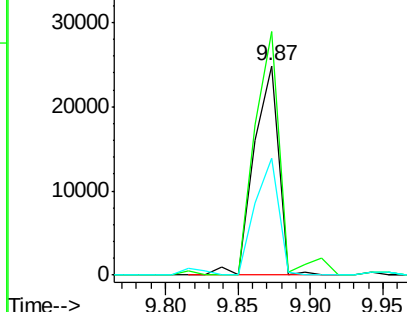


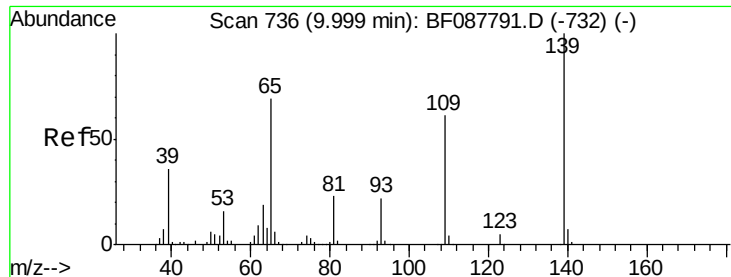
#51
 Acenaphthene
 Concen: 2.26 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BF088001.D
 Acq: 14 Jun 2016 11:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.3	89.5	134.3
152	55.5	42.7	64.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#55

4-Nitrophenol

Concen: 2.87 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.09 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

Instrument :

BNA_F

ClientSampleId :

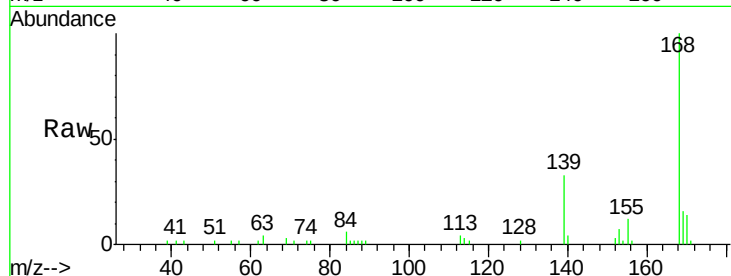
Tot Ion:139 Resp: 8470

Ion Ratio Lower Upper

139 100

109 0.0 48.9 88.9#

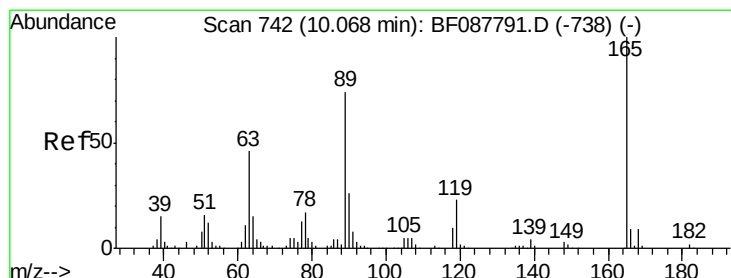
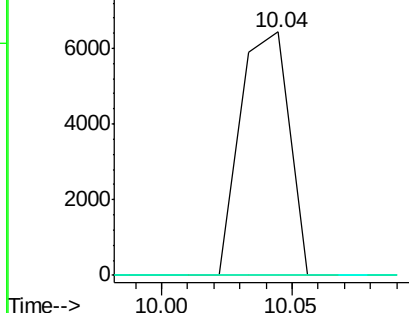
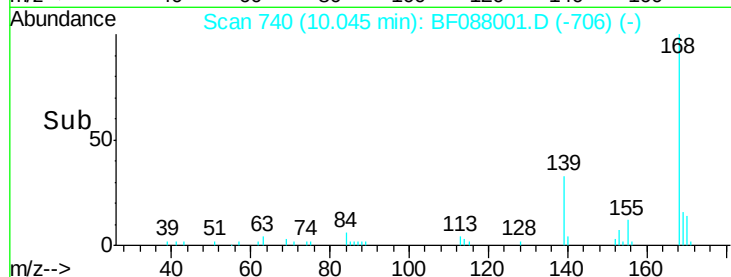
65 0.0 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.47 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.19 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

Tgt Ion:165 Resp: 27452

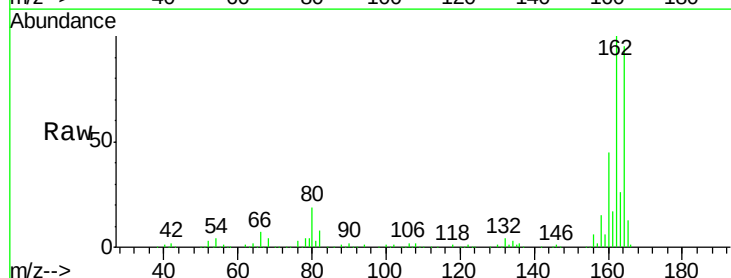
Ion Ratio Lower Upper

165 100

63 1.2 22.0 33.0#

89 1.3 41.1 61.7#

182 0.0 2.0 3.0#

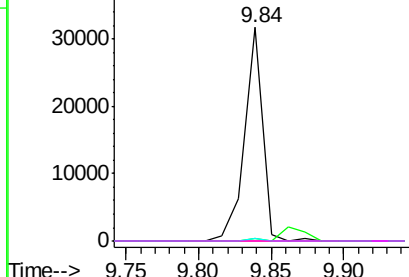
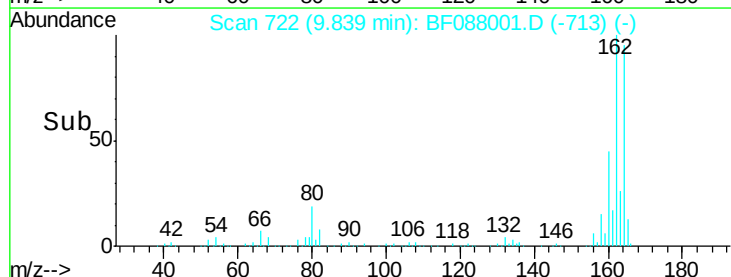


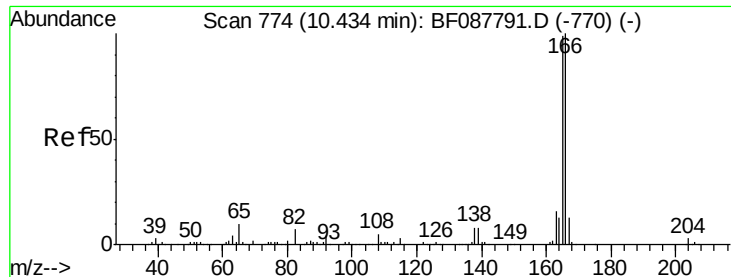
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: Below Cal

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

Instrument :

BNA_F

ClientSampleId :

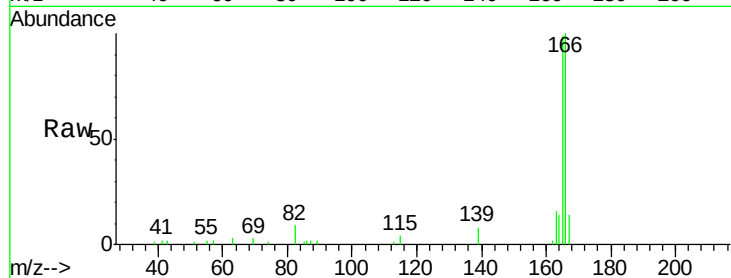
Tot Ion:166 Resp: 32575

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

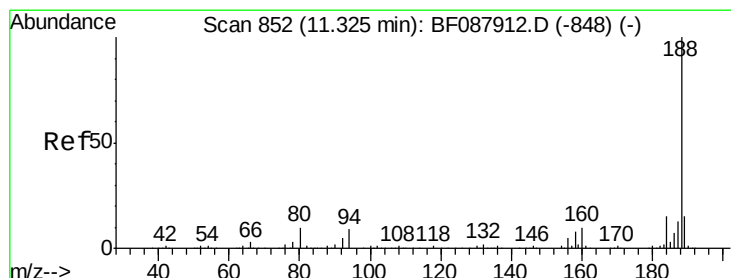
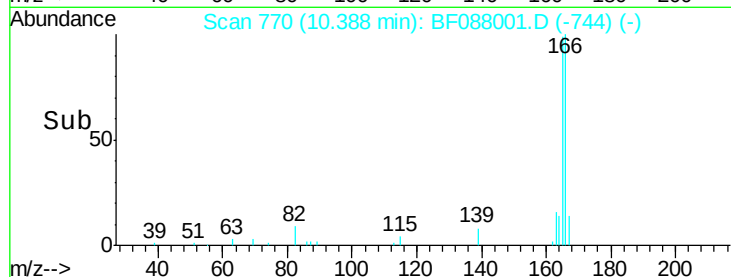
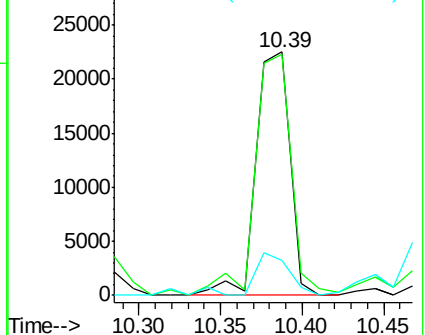
167 14.3 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

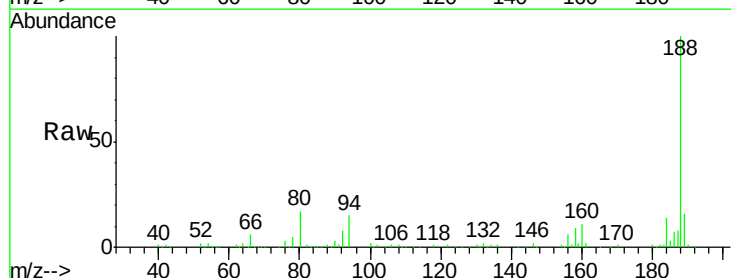
Tgt Ion:188 Resp: 278870

Ion Ratio Lower Upper

188 100

94 14.8 9.0 13.6#

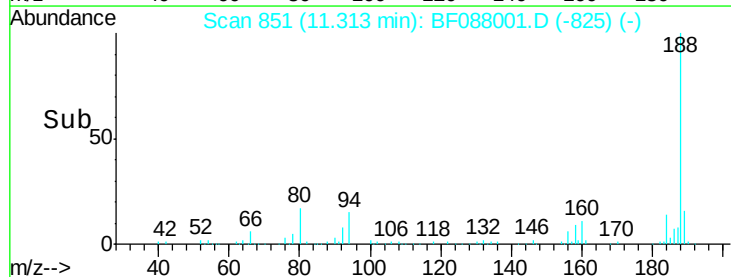
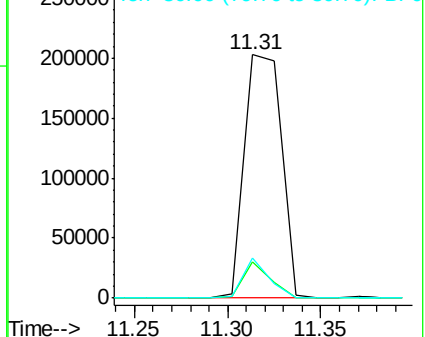
80 16.6 10.0 15.0#

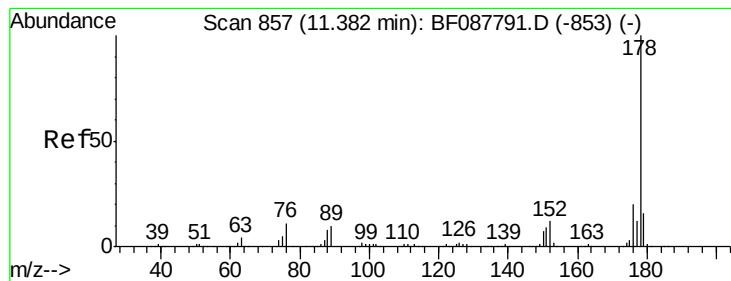


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 34.70 ng

RT: 11.35 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

Instrument :

BNA_F

ClientSampleId :

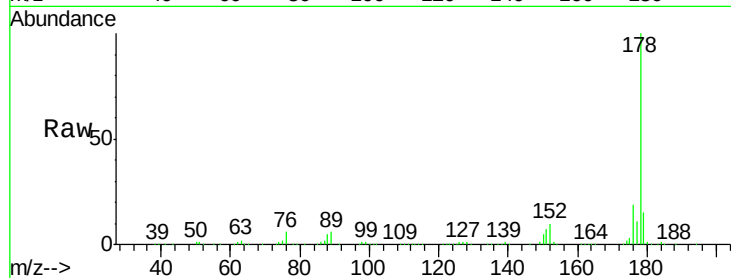
Tot Ion:178 Resp: 507762

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.6

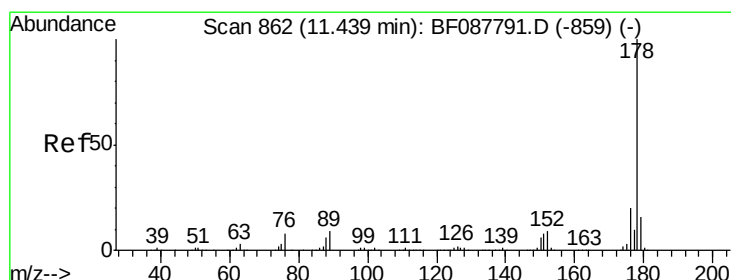
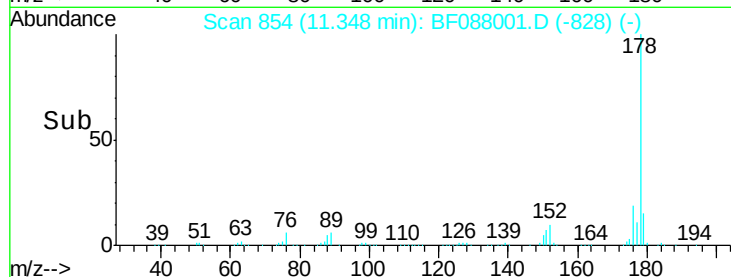
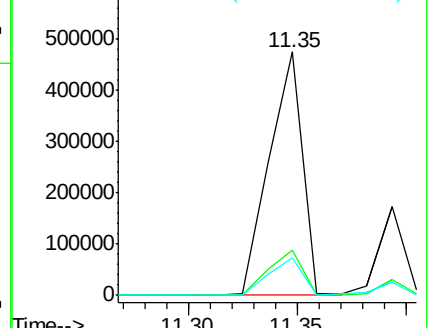
179 15.3 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 9.47 ng

RT: 11.39 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

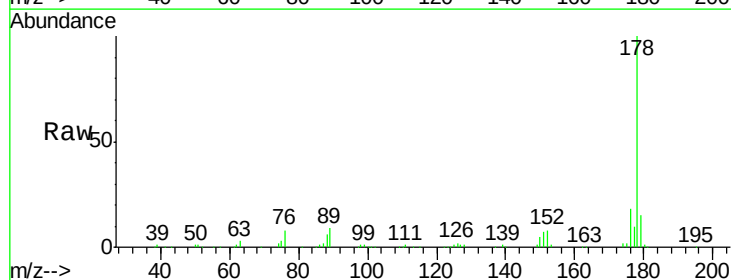
Tgt Ion:178 Resp: 139855

Ion Ratio Lower Upper

178 100

176 18.1 15.6 23.4

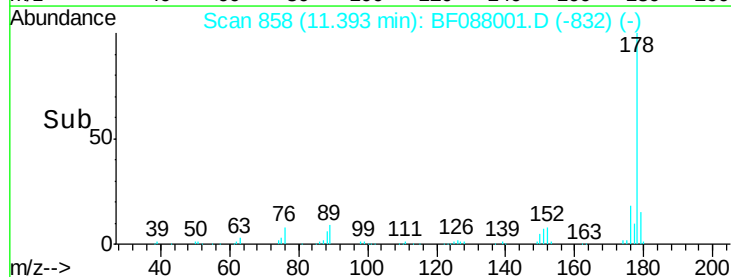
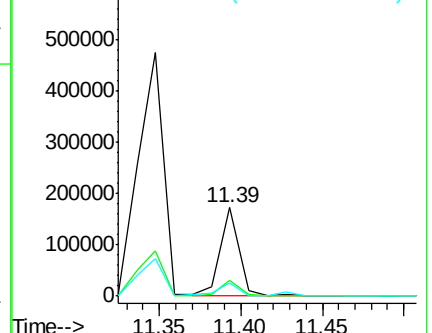
179 15.3 12.8 19.2

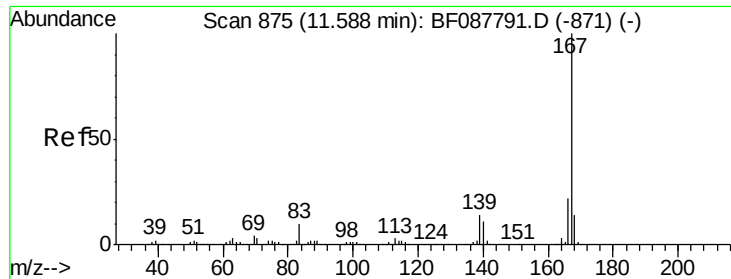


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.92 ng

RT: 11.55 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

Instrument :

BNA_F

ClientSampleId :

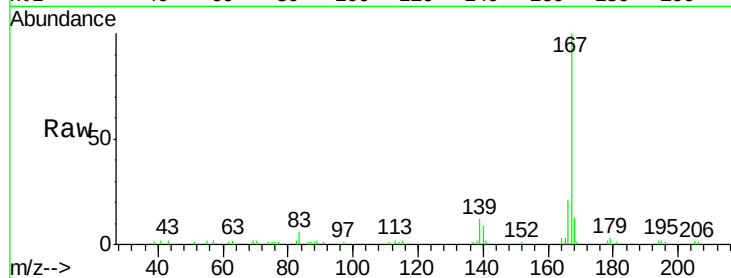
Tot Ion:167 Resp: 40314

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.6

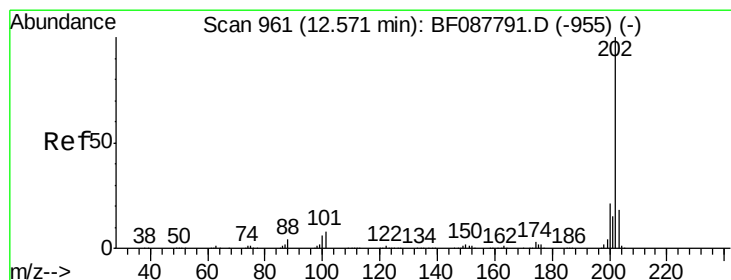
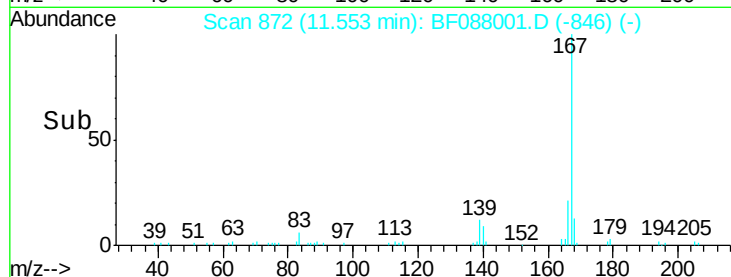
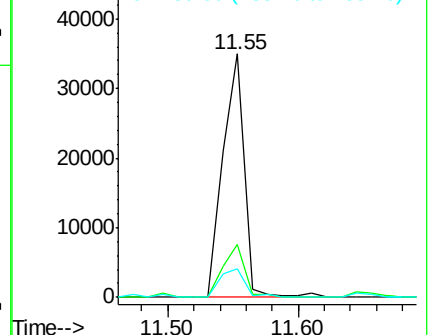
139 11.9 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 42.43 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

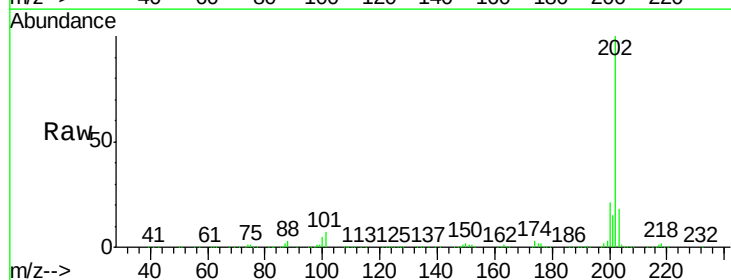
Tgt Ion:202 Resp: 655180

Ion Ratio Lower Upper

202 100

101 7.1 0.0 33.1

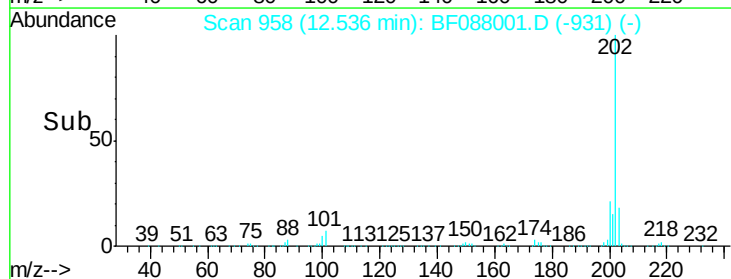
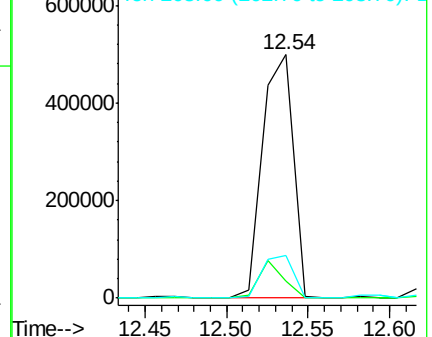
203 17.5 0.0 38.1

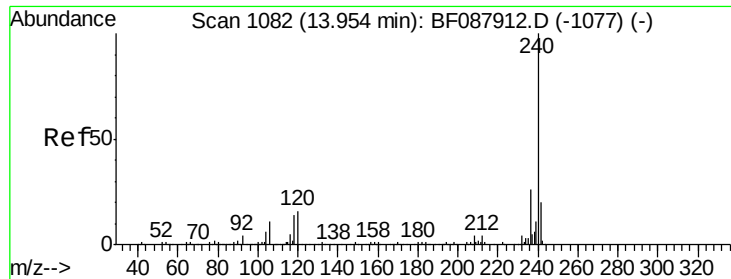


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

Instrument :

BNA_F

ClientSampleId :

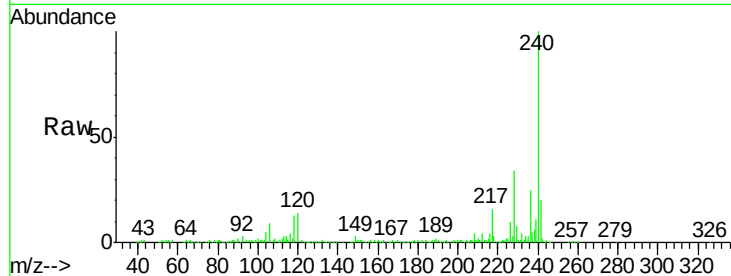
Tot Ion:240 Resp: 229327

Ion Ratio Lower Upper

240 100

120 14.1 6.8 10.2#

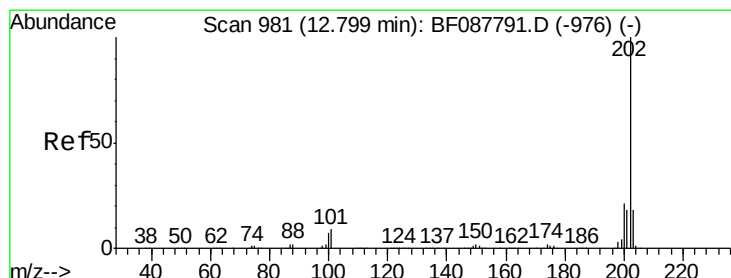
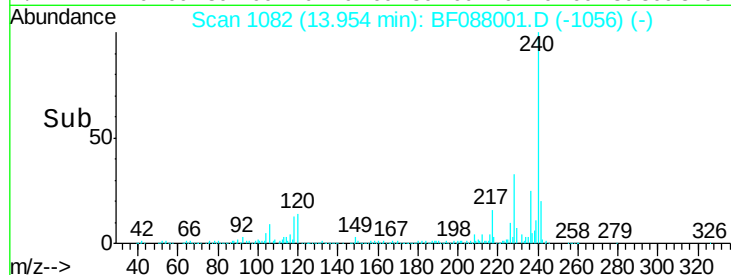
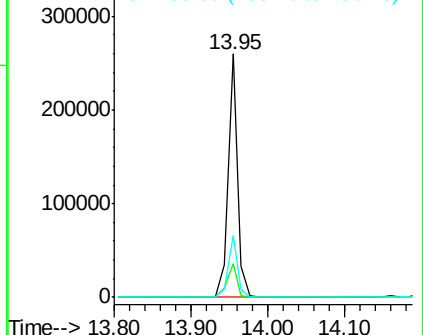
236 25.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 36.90 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

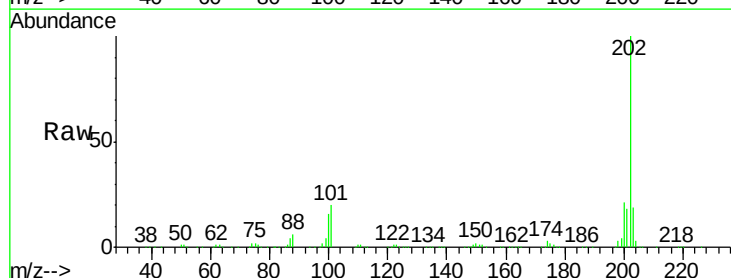
Tgt Ion:202 Resp: 627969

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

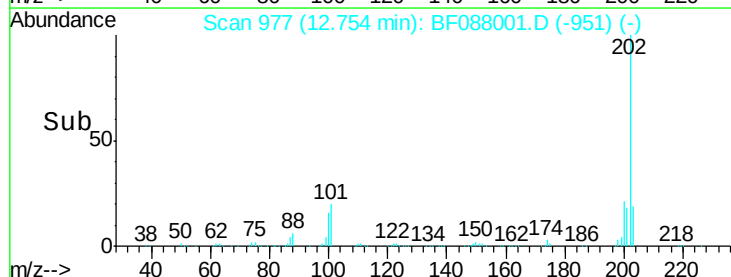
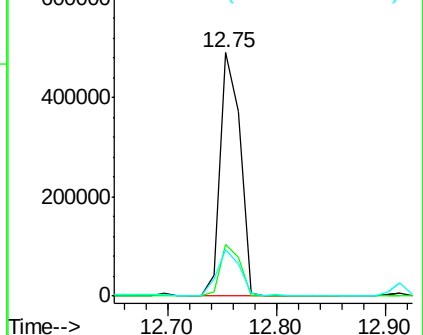
203 19.0 14.5 21.7

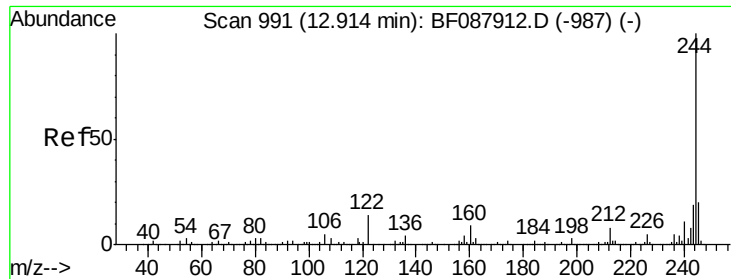


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

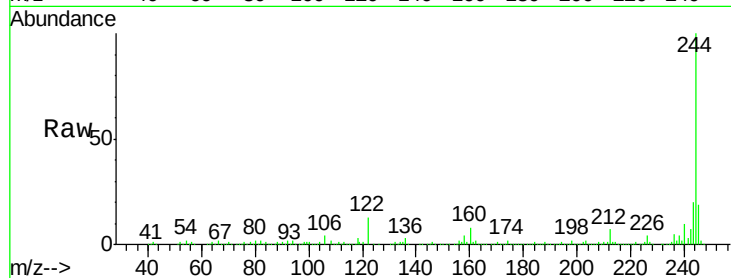




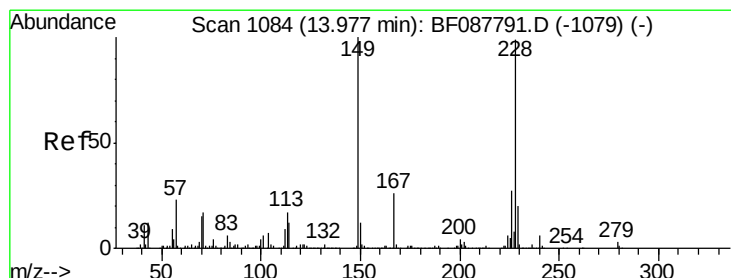
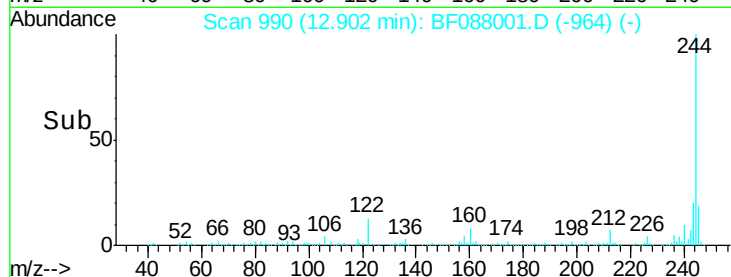
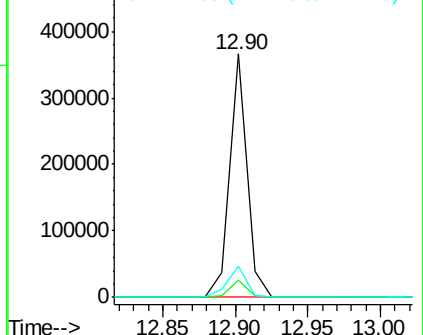
#78
 Terphenyl-d14
 Concen: 30.28 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF088001.D
 Acq: 14 Jun 2016 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 305138
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 12.9 11.2 16.8

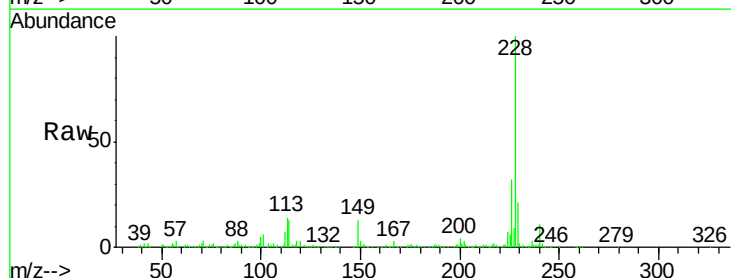


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

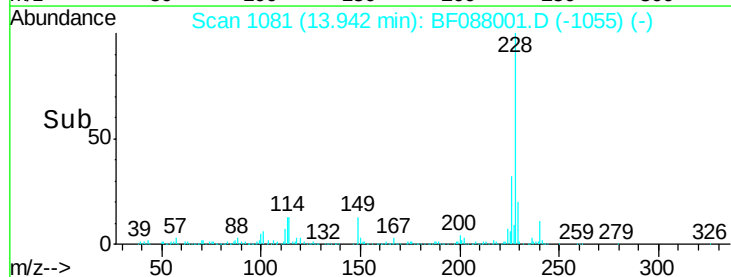
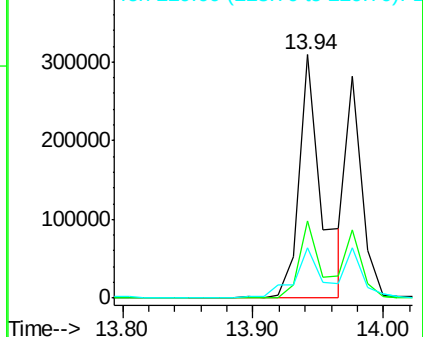


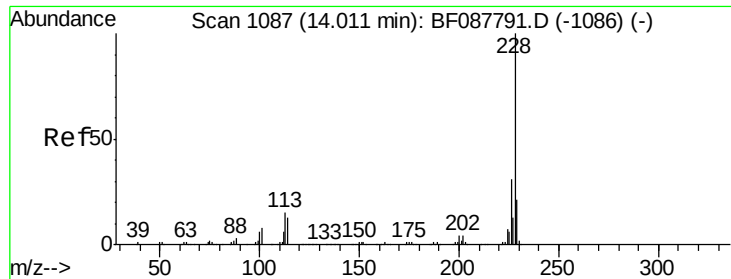
#80
 Benzo(a)anthracene
 Concen: 28.52 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF088001.D
 Acq: 14 Jun 2016 11:10

Tgt Ion:228 Resp: 372712
 Ion Ratio Lower Upper
 228 100
 226 32.0 22.3 33.5
 229 20.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 30.31 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.03 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

Instrument :

BNA_F

ClientSampleId :

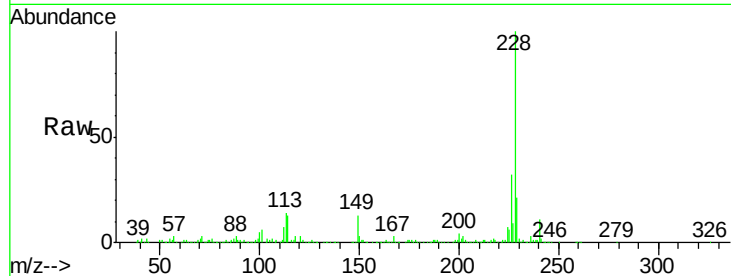
Tot Ion:228 Resp: 372712

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.2

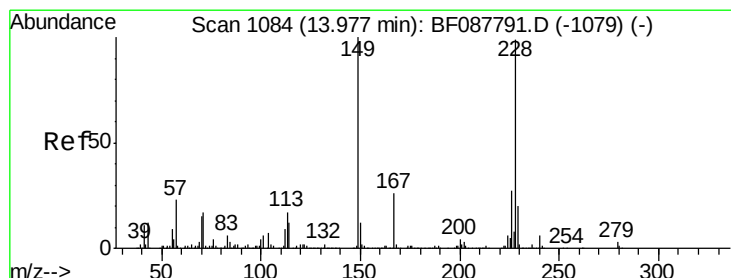
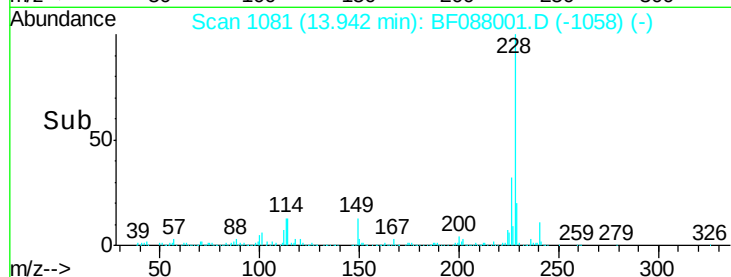
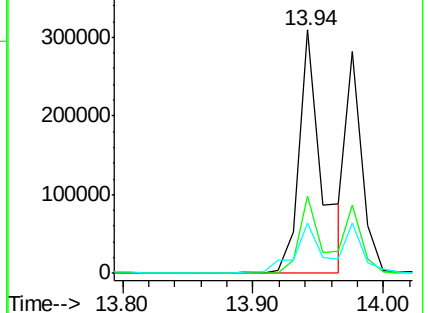
229 20.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.88 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF088001.D

Acq: 14 Jun 2016 11:10

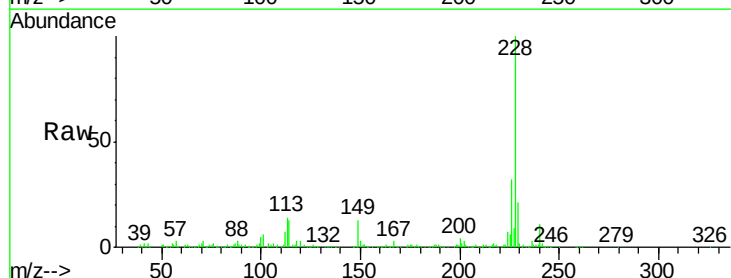
Tgt Ion:149 Resp: 35542

Ion Ratio Lower Upper

149 100

167 24.8 20.5 30.7

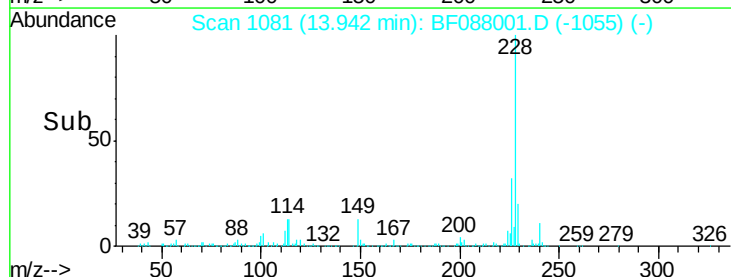
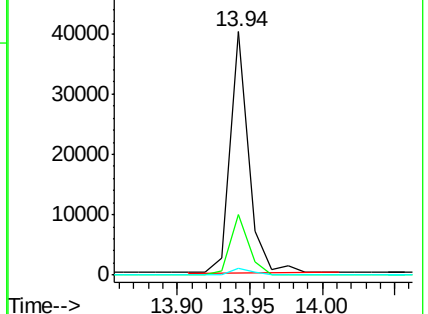
279 2.5 2.0 3.0

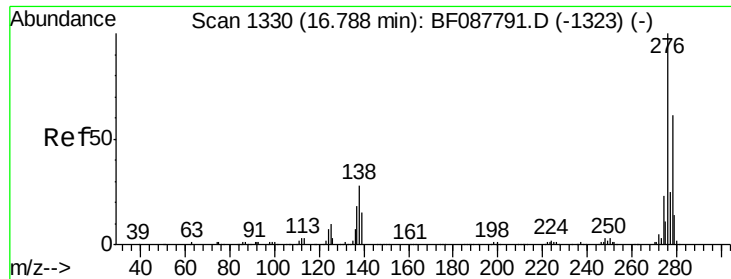


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

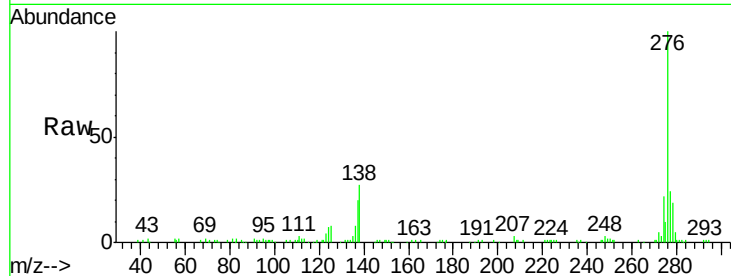




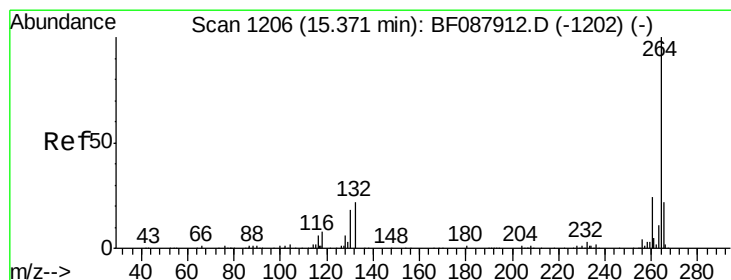
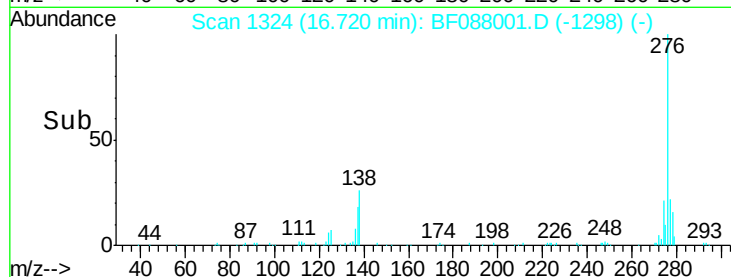
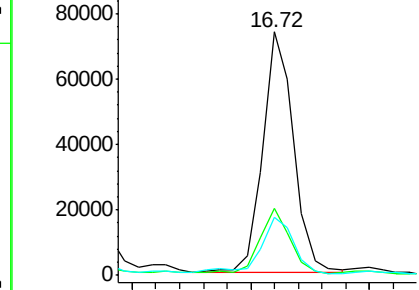
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.52 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF088001.D
 Acq: 14 Jun 2016 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	0.0	0.0#
277	25.7	0.0	0.0#

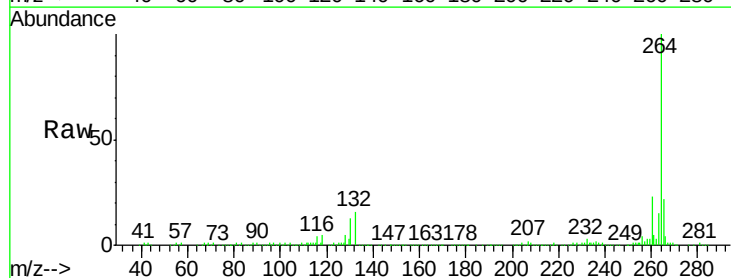


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

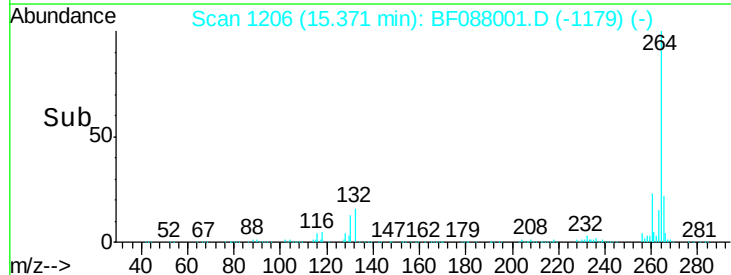
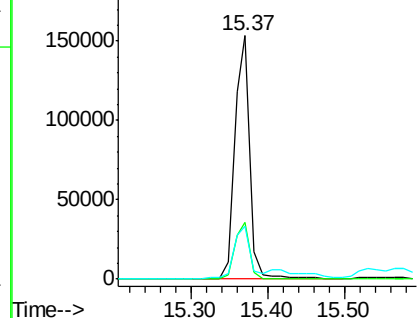


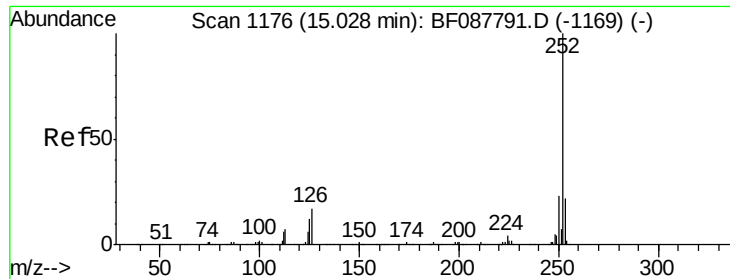
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF088001.D
 Acq: 14 Jun 2016 11:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

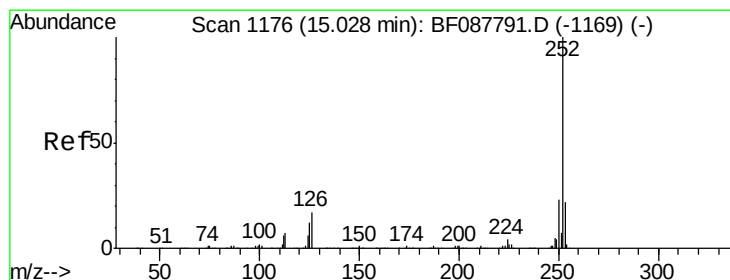
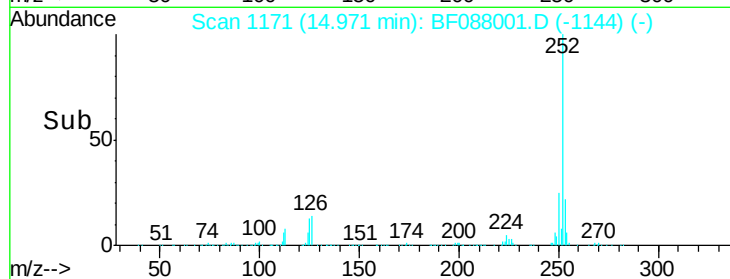
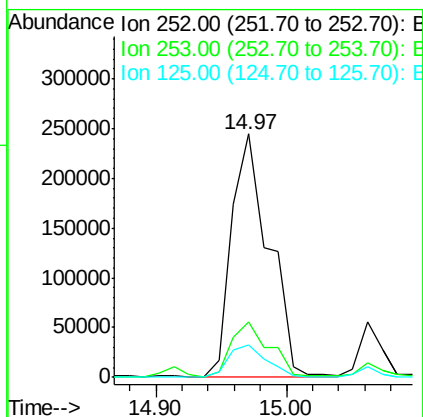
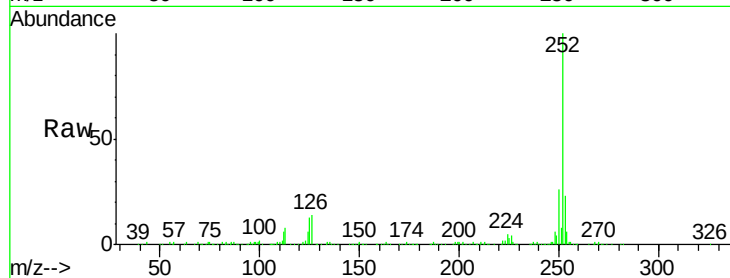




#87
Benzo(b)fluoranthene
Concen: 32.25 ng
RT: 14.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

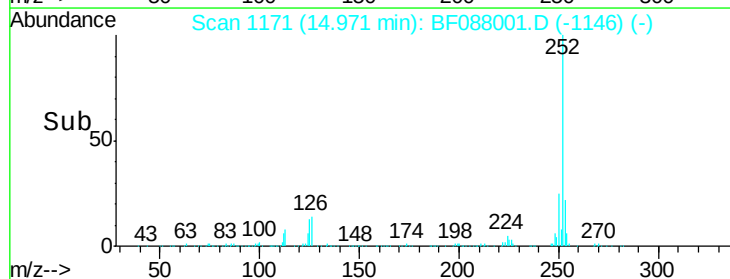
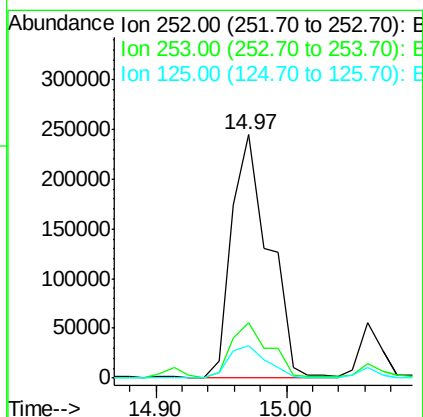
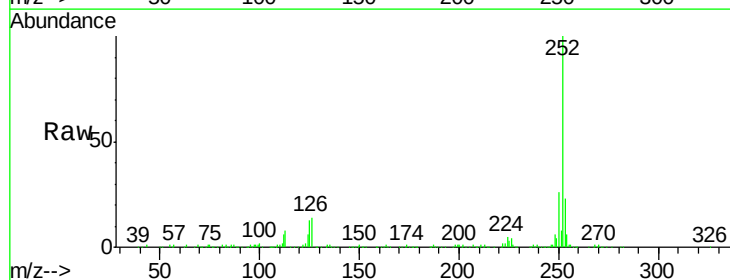
Instrument :
BNA_F
ClientSampleId :

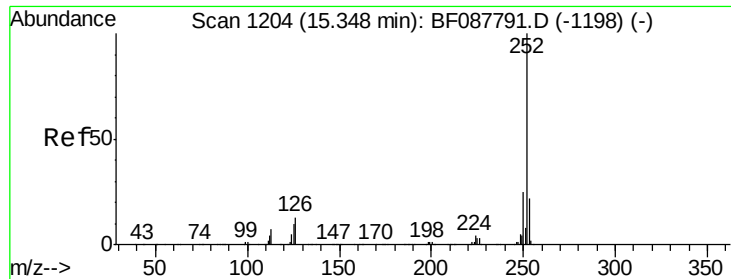
Tot Ion:252 Resp: 482546
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 13.4 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 42.76 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:252 Resp: 482546
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 13.4 11.2 16.8

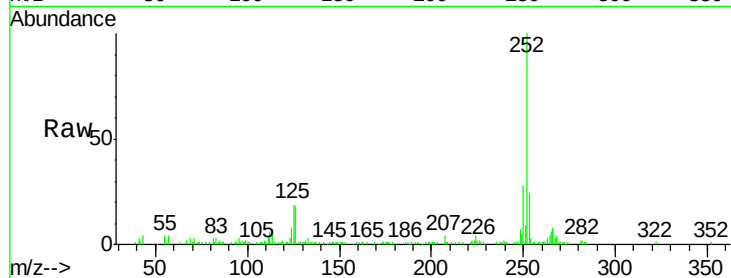




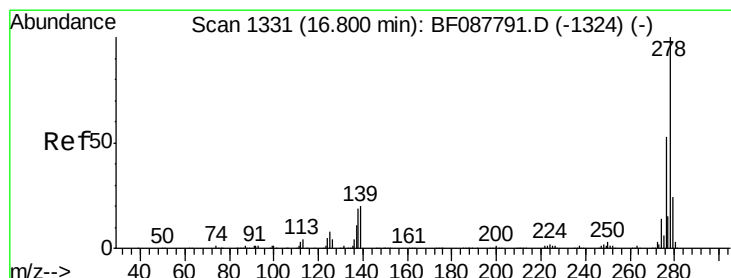
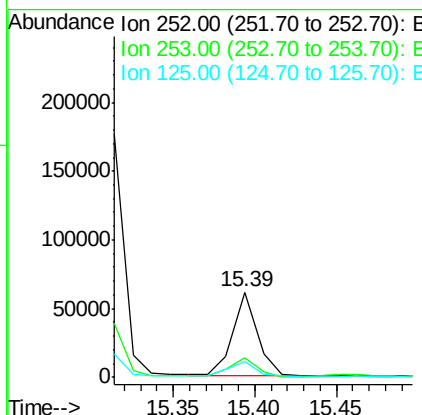
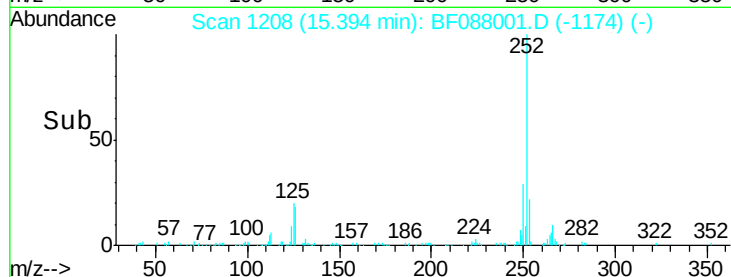
#89
Benzo(a)pyrene
Concen: 5.29 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.09 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 64037
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 18.6 12.5 18.7

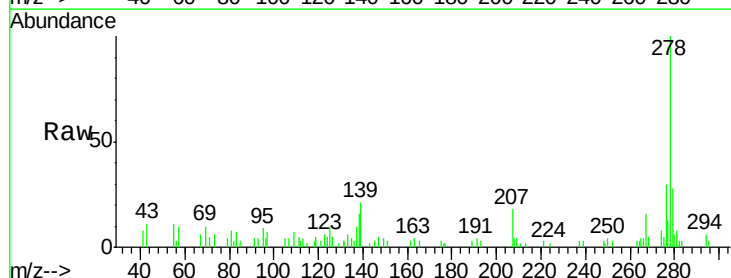


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

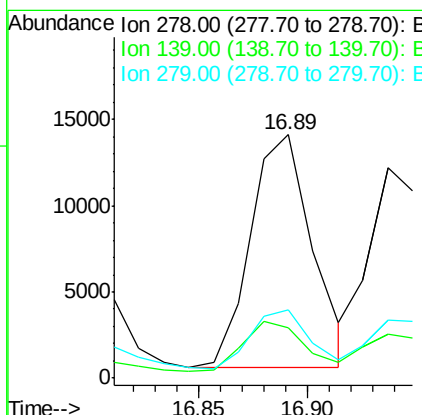
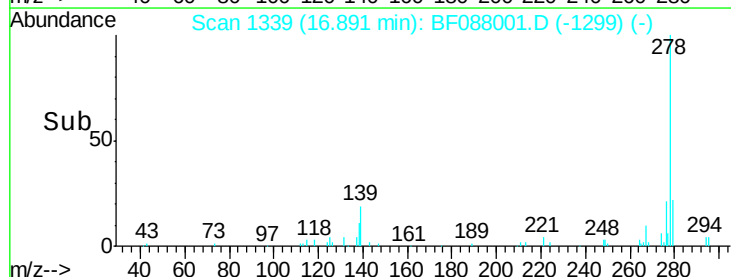


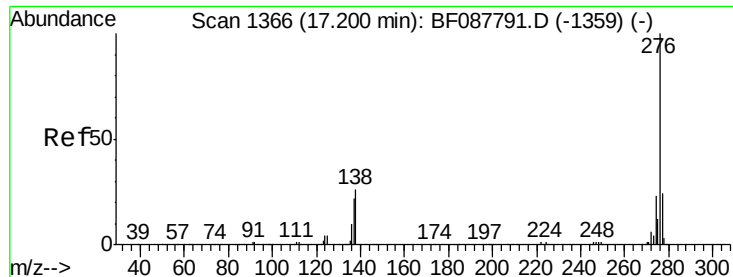
#90
Dibenzo(a,h)anthracene
Concen: 2.39 ng
RT: 16.89 min Scan# 1339
Delta R.T. 0.16 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:278 Resp: 26828
Ion Ratio Lower Upper
278 100
139 20.7 15.7 23.5
279 28.0 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

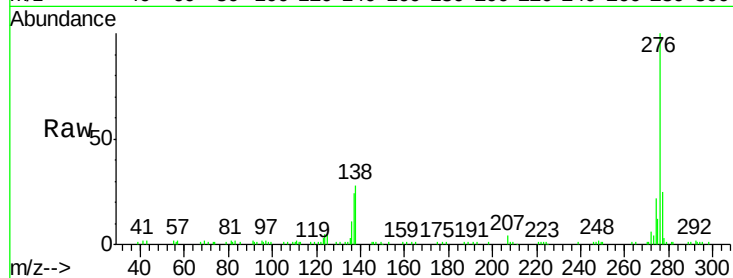




#91
 Benzo(a,h,i)perylene
 Concen: 10.44 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF088001.D
 Acq: 14 Jun 2016 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	27.8	21.4	32.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

